



Hyperbaric Oxygen and the Brain: Concussions to COVID

SEMINAR & VISITING SPEAKER SERIES WORLD WIDE NEURO PLATFORM

DATE

Monday, April 12, 2021
12:00 PM (noon) CST

WORLD WIDE NEURO LINK

https://www.crowdcast.io/e/mnn-seminar_12april2012

MEETING ID & PASSCODE

None required

SPEAKER

Daphne W. Denham, MD

Physician and General Surgeon
Hyperbaric Medicine

BIO

A 1993 graduate of the University of Louisville School of Medicine, in Kentucky. Dr. Denham then spent 7 years at the University of South Florida in Tampa, completing a general surgery residency and two years of basic science research examining cytokines and pancreatitis. In 2000, she took a junior faculty position with Northwestern University School of Medicine. After the birth of her 4th daughter, she took a leave of absence. After the birth of her second son, she returned to work in 2009 focusing on wound care and hyperbaric medicine. Remembering a physiology professor in medical school stating "there is no reason to learn about hyperbaric medicine," she was intrigued. Sitting on the sidelines for 6 athletic children's sports, seeing concussions change the lives of some of her children's teammates, she decided to

pursue what hyperbaric oxygen or HBO can do for acute brain injuries. In 2015 she was able to add HBO chambers to her private practice. After seeing incredible results treating concussions, but facing a backlash from the medical community, Dr. Denham met Dr. David Biberdorf, a sports vision optometrist and together they started using neuro-optic testing to document objectively the results of treating concussions with HBO.

RESEARCH

Hyperbaric oxygen [HBO] treatments are an under-appreciated way to get oxygen to injured tissue. Concussions, and now post-COVID neuropsychiatric issues have become a major cause of disability. Data from objective testing will be presented to discuss our clinic experience TREATING these conditions.

OBJECTIVES

1. Understand the basics of HBO
2. Appreciate the rationale for use for various brain conditions
3. Discuss various objective tests used and results

For more information:

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